

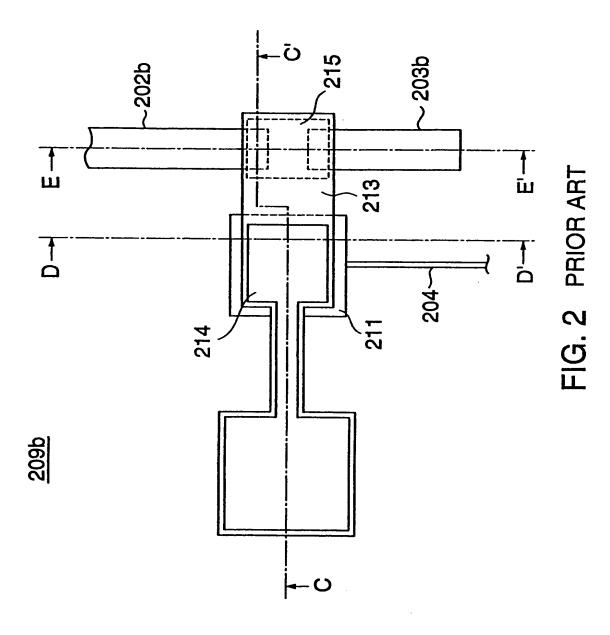


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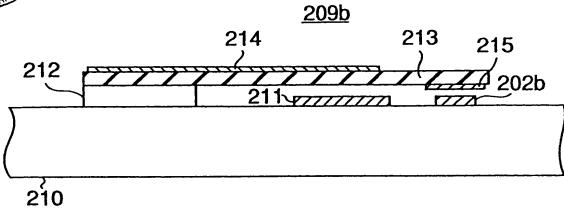


FIG. 3(A) PRIOR ART

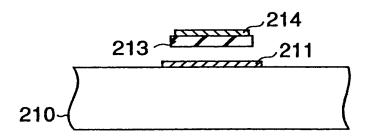


FIG. 3(B) PRIOR ART

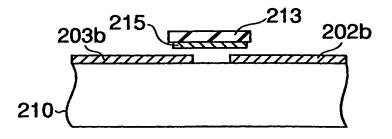


FIG. 3(C) PRIOR ART

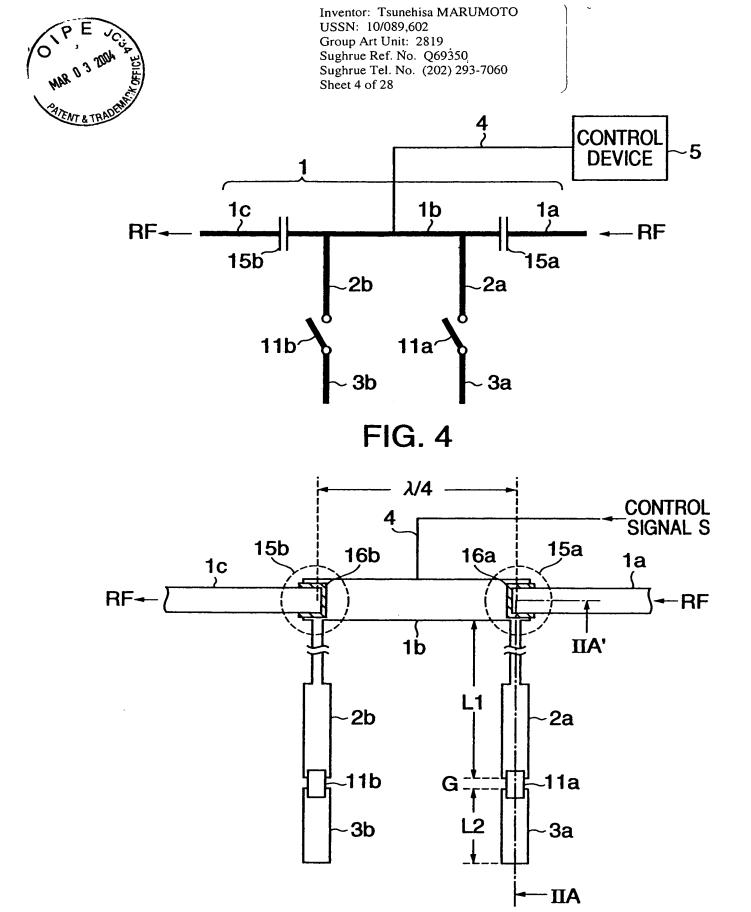
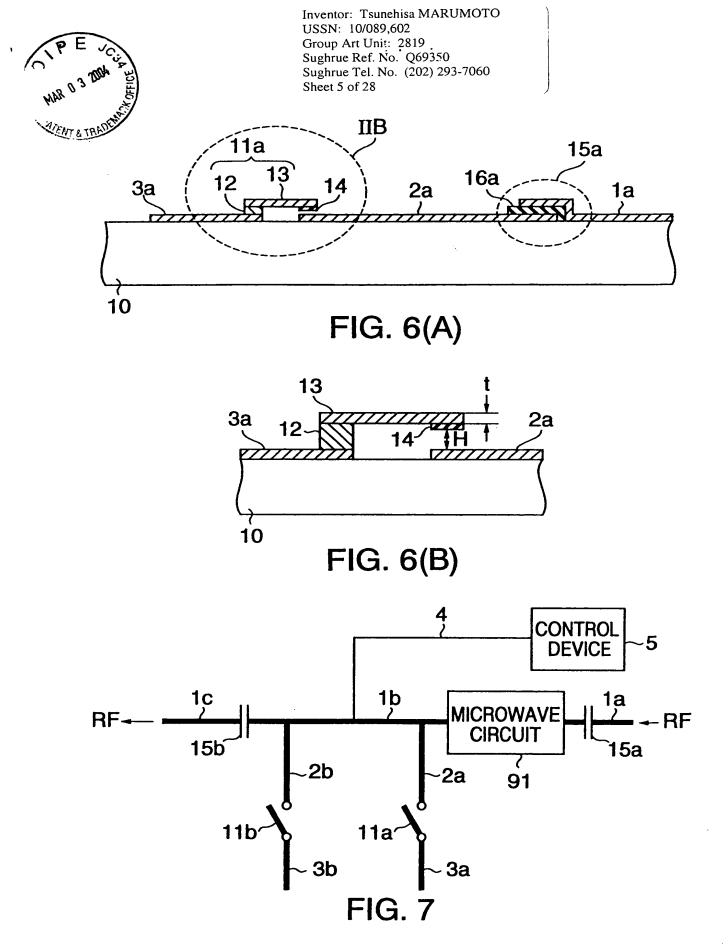


FIG. 5





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13
3a 12 77777777 14a 2a

FIG. 8

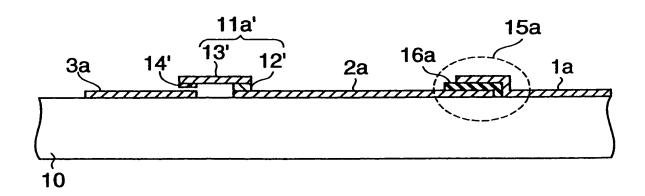


FIG. 9

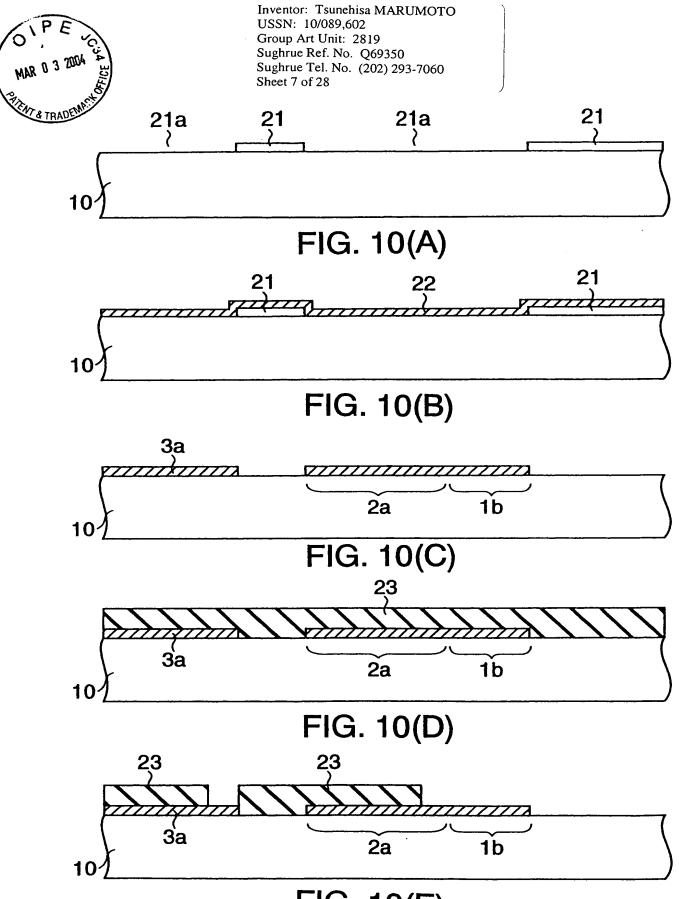


FIG. 10(E)

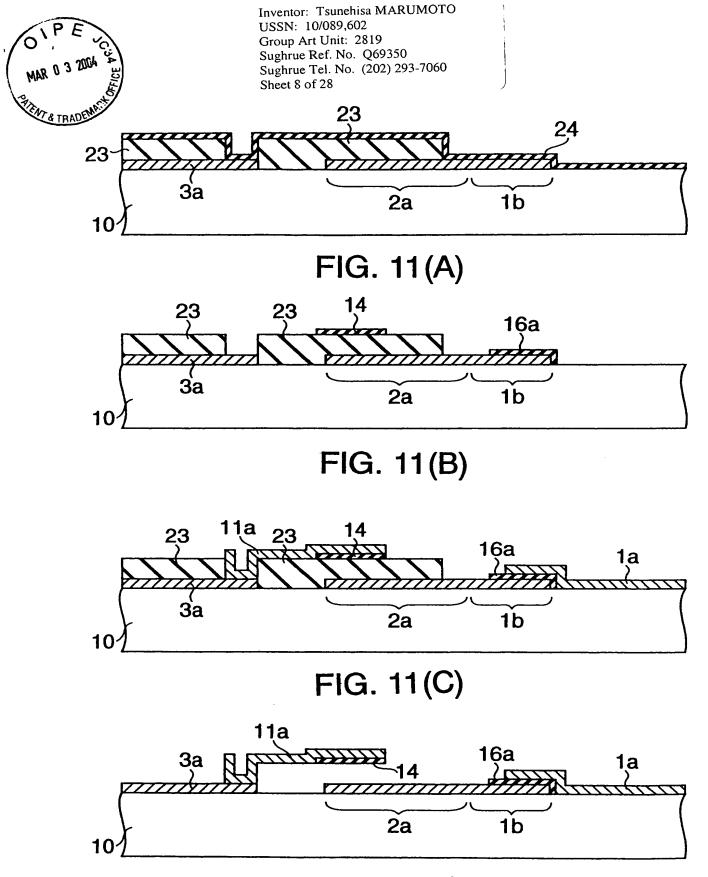


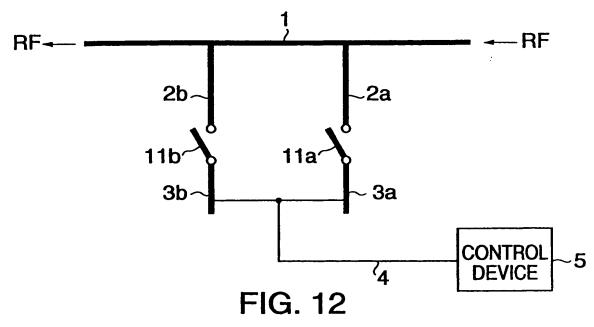
FIG. 11(D)

MAR 0 3 2004 A SEE TRADERIES

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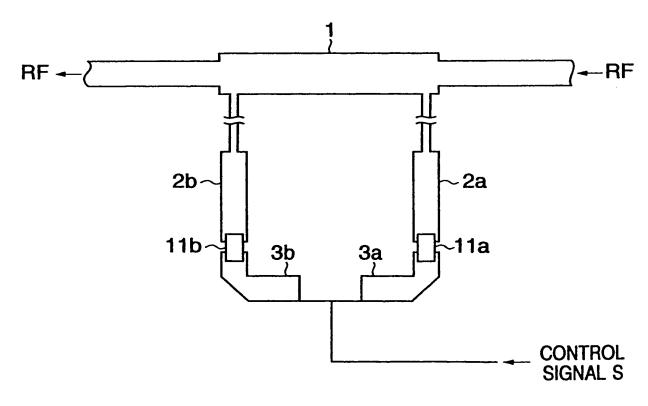


FIG. 13

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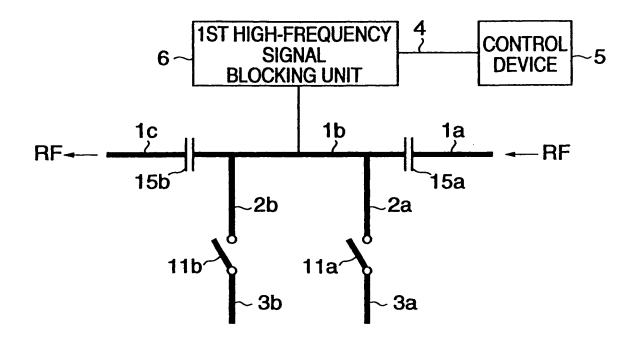


FIG. 14

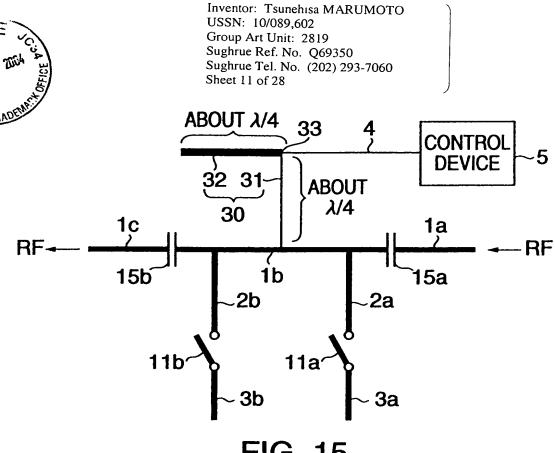
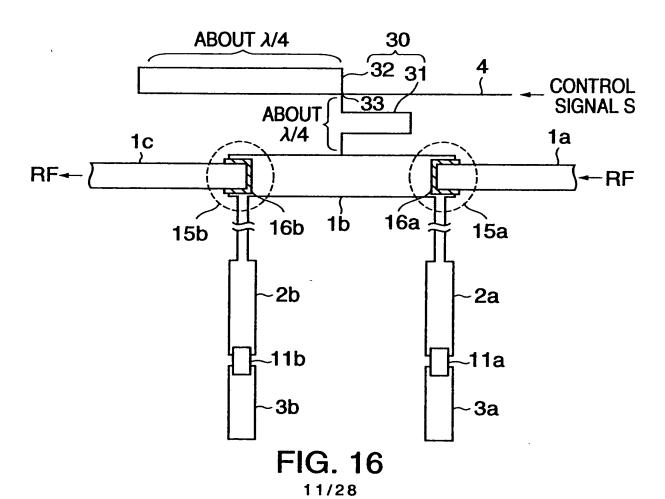
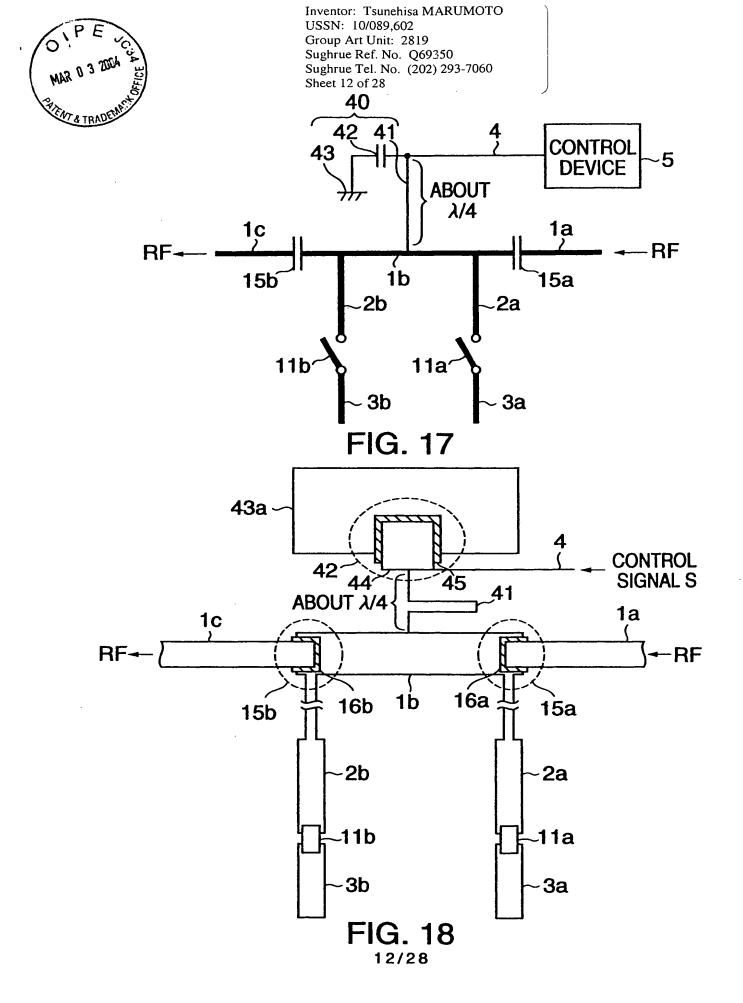


FIG. 15

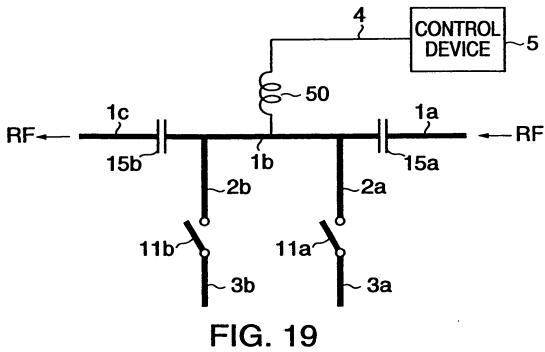


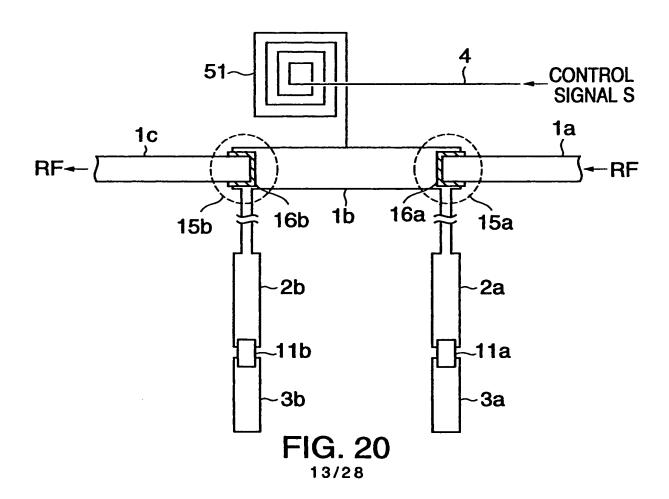


MAR 0 3 TOTAL AND THE TRADERIES

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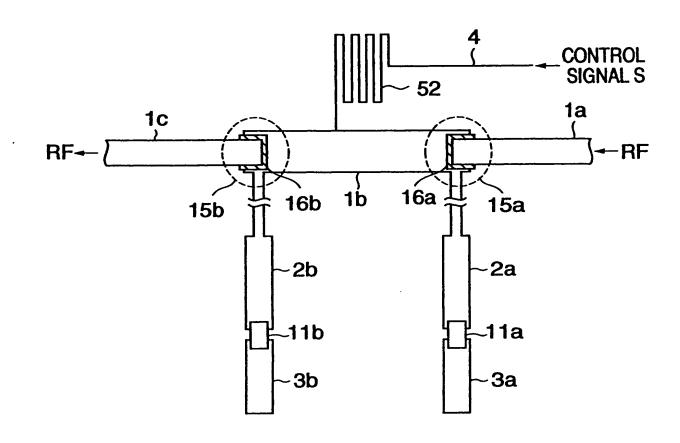
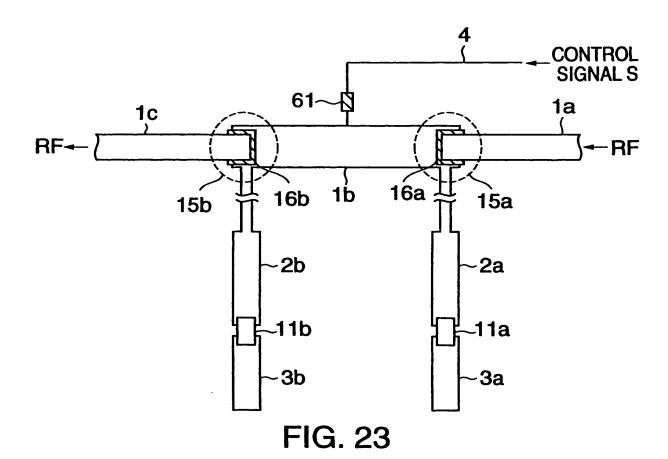


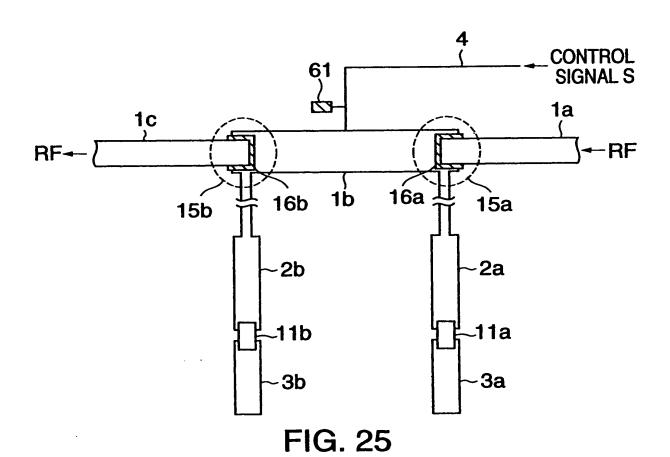
FIG. 21

Inventor: Tsunehisa MARUMOTO USSN: 10/089,602 Group Art Unit: 2819 Sughrue Ref. No. Q69350 Sughrue Tel. No. (202) 293-7060 Sheet 15 of 28 CONTROL DEVICE 5 - 61 1ç 1a RF-**RF** 7 1b 15b 15a 2b 2a 11b 11a **3**b За FIG. 22



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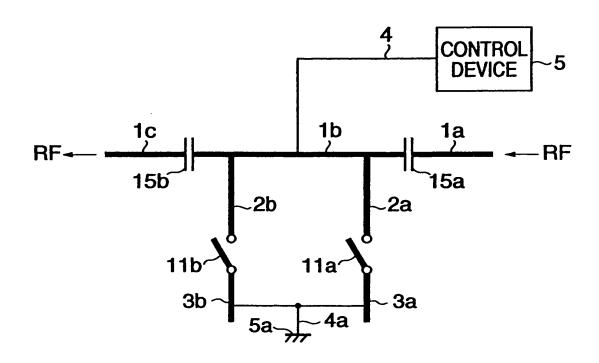


FIG. 26

MAR D 3 TOTAL A SOLIE STRANGENESS

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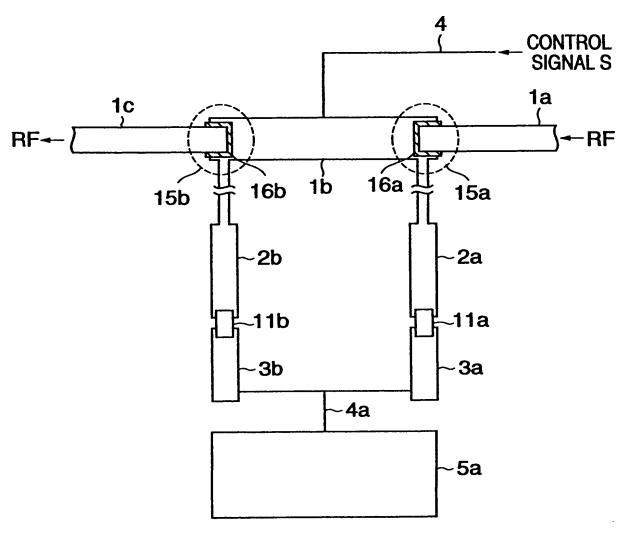


FIG. 27



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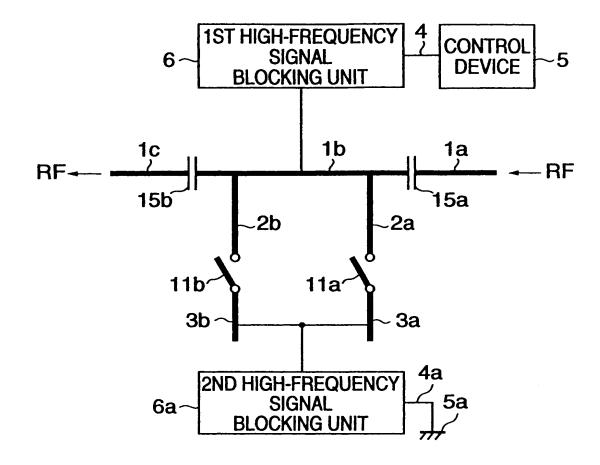


FIG. 28

Inventor: Tsunehisa MARUMOTO USSN: 10/089,602 Group Art Unit: 2819 Sughrue Ref. No. Q69350 Sughrue Tel. No. (202) 293-7060 Sheet 20 of 28 1a 1¢ 1b RF RF-15b 15a CONTROL DEVICE 2b 2a-41 11b 11a 3a-3b 41a

FIG. 29

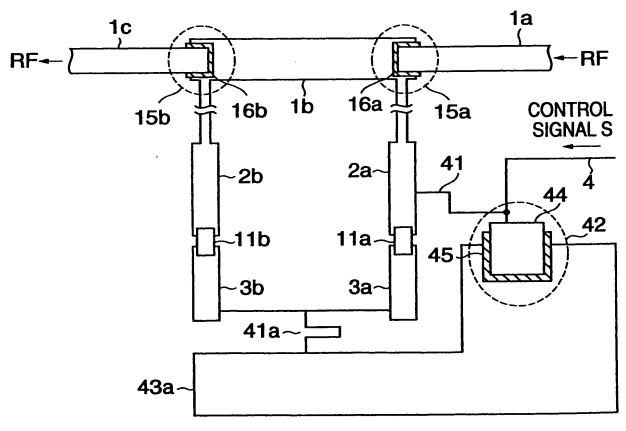
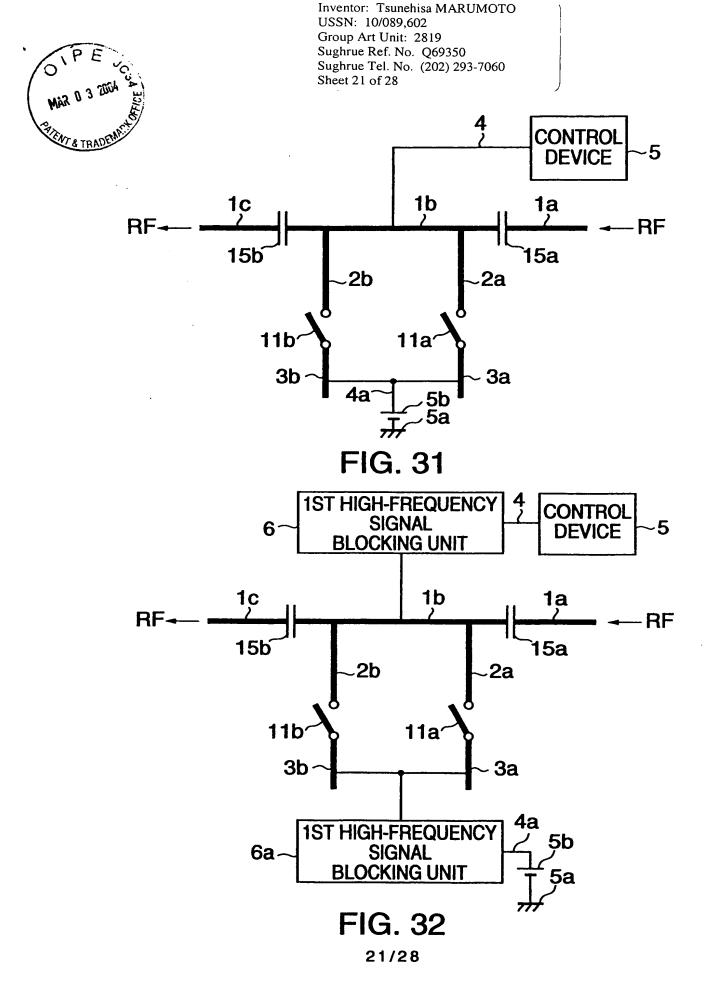


FIG. 30





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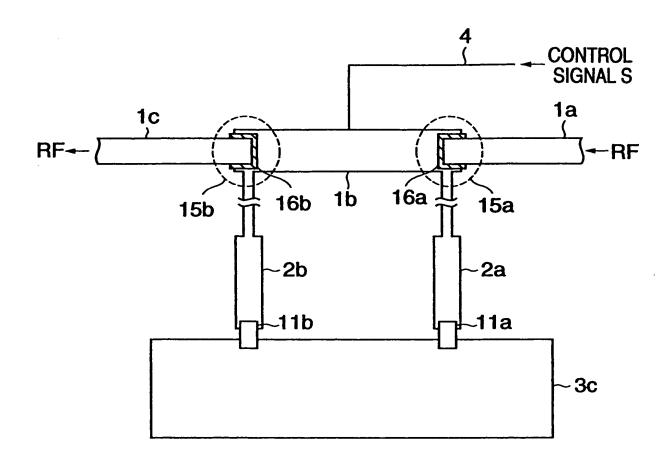
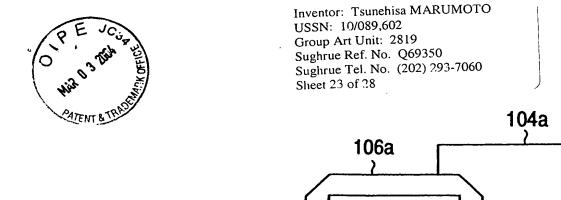


FIG. 33



111b

111d

101b

104d-

RF→ /

GROUND

VOLTAGE

FIG. 34

106b

101

CONTROL

SIGNAL S (Vcc/0)

CONTROL

SIGNAL S

(0/Vcc)

-RF

111a

111c

101a

104c

104b

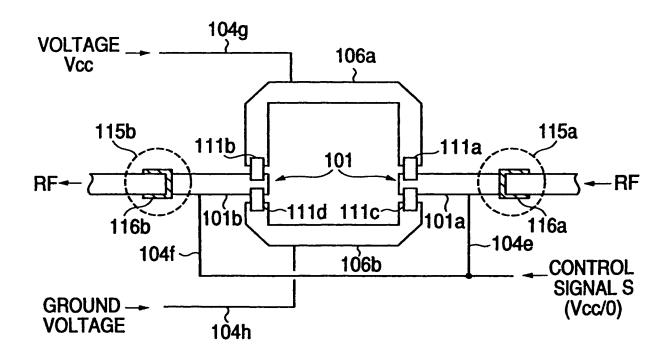
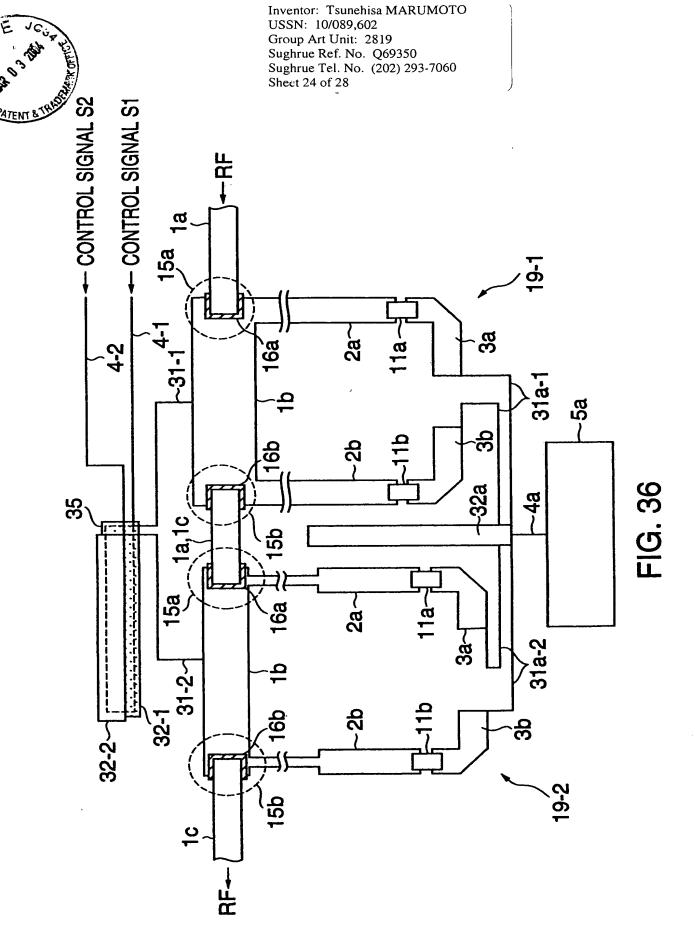
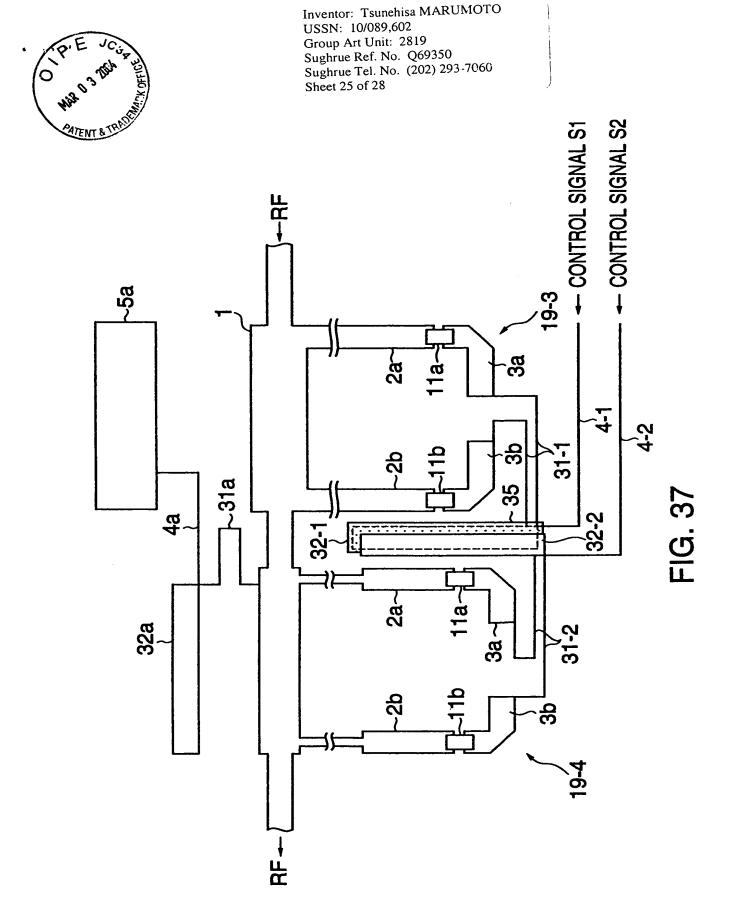


FIG. 35







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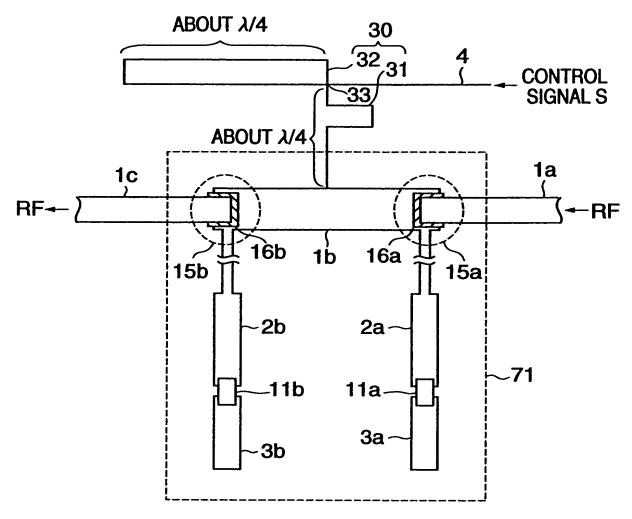


FIG. 38

Inventor: Tsunehisa MARUMOTO USSN: 10/089,602 Group Art Unit: 2819 Sughrue Ref. No. Q69350 Sughrue Tel. No. (202) 293-7060 Sheet 27 of 28 ABOUT $\lambda/4$ CONTROL SIGNAL S <u>`33</u> ABOUT 1a 73a 73b 1_C RF--) -RF 1b 2b 2a 2bb 2aa 11b 11a 72b 72a-

FIG. 39

3b

3bb

3áa

За

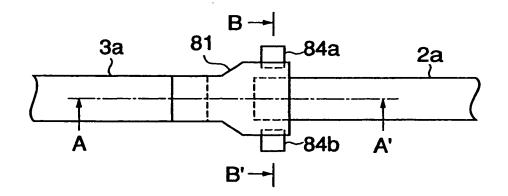


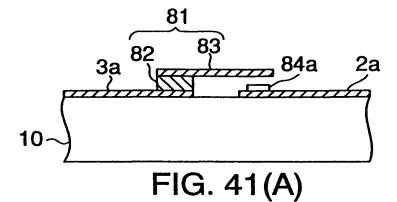
FIG. 40

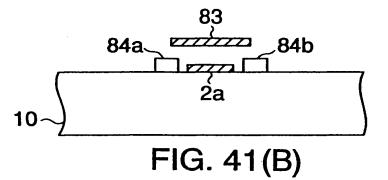


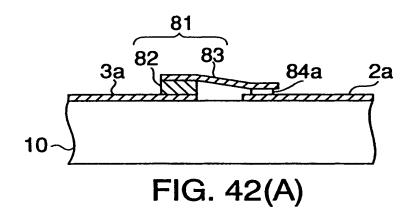
Inventor: Tsunehisa MARUMOTO USSN: 10/089,602 Group Art Unit: 2819 Sughrue Ref. No. Q69350

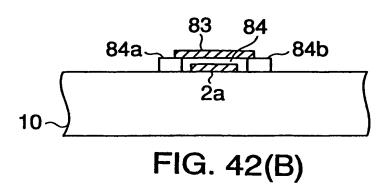
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